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**From:** Messina, Edward [Messina.Edward@epa.gov]  
**Sent:** 8/19/2021 4:59:55 PM  
**To:** Goodis, Michael [Goodis.Michael@epa.gov]  
**Subject:** RE: URGENT - Follow-up on Michal's chlorpyrifos interviews

Thanks.

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Ed Messina, Esq.  
Director, Office of Pesticide Programs  
Office of Chemical Safety & Pollution Prevention  
U.S. Environmental Protection Agency  
Washington, D.C.  
p: (703) 347-0209

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**From:** Goodis, Michael <Goodis.Michael@epa.gov>  
**Sent:** Wednesday, August 18, 2021 10:20 AM  
**To:** Messina, Edward <Messina.Edward@epa.gov>  
**Subject:** FW: URGENT - Follow-up on Michal's chlorpyrifos interviews

Michael L. Goodis, P.E.  
Acting Deputy Director for Programs  
Office of Pesticide Programs  
Office of Chemical Safety and Pollution Prevention  
U.S. Environmental Protection Agency  
Washington, D.C.

Ex. 6 Personal Privacy (PP) (cell)

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**From:** Pyne, Jaclyn <Pyne.Jaclyn@epa.gov>  
**Sent:** Wednesday, August 18, 2021 8:22 AM  
**To:** Messina, Edward <Messina.Edward@epa.gov>  
**Cc:** Friedman, Dana <Friedman.Dana@epa.gov>; Feitel, Alexandra <feitel.alexandra@epa.gov>; Nesci, Kimberly <Nesci.Kimberly@epa.gov>; Cyran, Carissa <Cyran.Carissa@epa.gov>; Ozmen, Shamus <Ozmen.Shamus@epa.gov>; Goodis, Michael <Goodis.Michael@epa.gov>  
**Subject:** FW: URGENT - Follow-up on Michal's chlorpyrifos interviews

Good morning Ed,

Please find below a statement you can use with a list of alternatives. We've run this by BEAD and it accurately reflects the 2020 Benefits memo (attached, in word as requested).

## Ex. 5 Deliberative Process (DP)

I'm also attaching the proposed interim decision document (in word and pdf) as well as the latest version of the Final Rule (in word) as requested.

Please let us know if you need anything else.

Thank you,  
Jaclyn

Jaclyn Pyne (she/her)  
Acting Team Leader  
U.S. Environmental Protection Agency  
OCSP: Office of Pesticide Programs  
Pesticide Re-Evaluation Division RMIB I  
[Pyne.Jaclyn@epa.gov](mailto:Pyne.Jaclyn@epa.gov)  
(703) 347-0445

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**From:** Friedman, Dana <[Friedman.Dana@epa.gov](mailto:Friedman.Dana@epa.gov)>  
**Sent:** Wednesday, August 18, 2021 7:43 AM  
**To:** Mallampalli, Nikhil <[Mallampalli.Nikhil@epa.gov](mailto:Mallampalli.Nikhil@epa.gov)>; Kaul, Monisha <[Kaul.Monisha@epa.gov](mailto:Kaul.Monisha@epa.gov)>  
**Cc:** Nesci, Kimberly <[Nesci.Kimberly@epa.gov](mailto:Nesci.Kimberly@epa.gov)>; Feitel, Alexandra <[feitel.alexandra@epa.gov](mailto:feitel.alexandra@epa.gov)>; Pyne, Jaclyn <[Pyne.Jaclyn@epa.gov](mailto:Pyne.Jaclyn@epa.gov)>; Kiely, Timothy <[Kiely.Timothy@epa.gov](mailto:Kiely.Timothy@epa.gov)>  
**Subject:** Fwd: URGENT - Follow-up on Michal's chlorpyrifos interviews

Nikhil,

Would you mind sending us a sentence or two on cpfos alternatives in response to Ed's below request?- generically OPs, Pyrethroids, etc., but that for some specific target pests in certain crops, we understand there is less availability of alternatives. (I'm on with EISD right now, and can't fact check against any of our documents for the fuller list).

Thanks!  
Dana

Sent from my iPhone

Begin forwarded message:

**From:** "Messina, Edward" <[Messina.Edward@epa.gov](mailto:Messina.Edward@epa.gov)>  
**Date:** August 17, 2021 at 7:15:02 PM EDT  
**To:** "Ozmen, Shamus" <[Ozmen.Shamus@epa.gov](mailto:Ozmen.Shamus@epa.gov)>  
**Cc:** "Goodis, Michael" <[Goodis.Michael@epa.gov](mailto:Goodis.Michael@epa.gov)>, "Layne, Arnold" <[Layne.Arnold@epa.gov](mailto:Layne.Arnold@epa.gov)>, "Scheifele, Hans" <[Scheifele.Hans@epa.gov](mailto:Scheifele.Hans@epa.gov)>, "Dinkins, Darlene" <[Dinkins.Darlene@epa.gov](mailto:Dinkins.Darlene@epa.gov)>, "Cyran, Carissa" <[Cyran.Carissa@epa.gov](mailto:Cyran.Carissa@epa.gov)>, "Friedman, Dana" <[Friedman.Dana@epa.gov](mailto:Friedman.Dana@epa.gov)>, "Nesci, Kimberly" <[Nesci.Kimberly@epa.gov](mailto:Nesci.Kimberly@epa.gov)>  
**Subject:** RE: URGENT - Follow-up on Michal's chlorpyrifos interviews

In the Q&A we mention Chlorpyrifos alternatives. Can I get a listing of those? Also, tomorrow if someone wants to send me the final word documents of all the materials thus far and the decision document in the morning that would be great. Been doing some reading tonight and will pick up in the morning.

Ed

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Ed Messina, Esq.  
Acting Office Director  
Office of Pesticide Programs  
Office of Chemical Safety & Pollution Prevention  
U.S. Environmental Protection Agency  
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**From:** Ozmen, Shamus <[Ozmen.Shamus@epa.gov](mailto:Ozmen.Shamus@epa.gov)>  
**Sent:** Tuesday, August 17, 2021 7:11 PM  
**To:** Messina, Edward <[Messina.Edward@epa.gov](mailto:Messina.Edward@epa.gov)>  
**Cc:** Goodis, Michael <[Goodis.Michael@epa.gov](mailto:Goodis.Michael@epa.gov)>; Layne, Arnold <[Layne.Arnold@epa.gov](mailto:Layne.Arnold@epa.gov)>; Scheifele, Hans <[Scheifele.Hans@epa.gov](mailto:Scheifele.Hans@epa.gov)>; Dinkins, Darlene <[Dinkins.Darlene@epa.gov](mailto:Dinkins.Darlene@epa.gov)>; Cyran, Carissa <[Cyran.Carissa@epa.gov](mailto:Cyran.Carissa@epa.gov)>  
**Subject:** Re: URGENT - Follow-up on Michal's chlorpyrifos interviews

Thanks Ed.

On Aug 17, 2021, at 7:05 PM, Messina, Edward <[Messina.Edward@epa.gov](mailto:Messina.Edward@epa.gov)> wrote:

Approved.

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Ed Messina, Esq.  
Acting Office Director  
Office of Pesticide Programs  
Office of Chemical Safety & Pollution Prevention  
U.S. Environmental Protection Agency  
Washington, D.C.  
p: (703) 347-0209

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**From:** Ozmen, Shamus <[Ozmen.Shamus@epa.gov](mailto:Ozmen.Shamus@epa.gov)>  
**Sent:** Tuesday, August 17, 2021 6:54 PM  
**To:** Messina, Edward <[Messina.Edward@epa.gov](mailto:Messina.Edward@epa.gov)>; Goodis, Michael <[Goodis.Michael@epa.gov](mailto:Goodis.Michael@epa.gov)>; Layne, Arnold <[Layne.Arnold@epa.gov](mailto:Layne.Arnold@epa.gov)>  
**Cc:** Scheifele, Hans <[Scheifele.Hans@epa.gov](mailto:Scheifele.Hans@epa.gov)>; Dinkins, Darlene <[Dinkins.Darlene@epa.gov](mailto:Dinkins.Darlene@epa.gov)>; Cyran, Carissa <[Cyran.Carissa@epa.gov](mailto:Cyran.Carissa@epa.gov)>  
**Subject:** URGENT - Follow-up on Michal's chlorpyrifos interviews  
**Importance:** High

Please find for your review the response to topics/questions from Michal's interviews this morning.

<[image001.png](#)>  
[Follow up questions and responses to chlorpyrifos interviews.docx](#)

Thank you,

Shamus Ozmen

Communications Branch  
Office of Chemical Safety and Pollution Prevention  
U.S. Environmental Protection Agency  
Mobile: Ex. 6 Personal Privacy (PP)

-----Original Message-----

From: Hamilton, Lindsay <Hamilton.Lindsay@epa.gov>  
Sent: Tuesday, August 17, 2021 12:38 PM  
To: Dunton, Cheryl <Dunton.Cheryl@epa.gov>  
Subject: FW: For Dino

Cheryl,

Can you help gather some of this for us to share with Dino?

Let me know if you need to talk it through or if you need any clarity on any of this.

Thanks,  
Lindsay

Michal's notes:

Re—registration timeline

List of studies that show neurodevelopmental effects and brief description

Quotes from FIFRA SAP - I think some of that is in the rule itself

List of key studies related to enzyme inhibition and acetylcholinesterase (sp)